

ABSTRACT OF THE DISCLOSURE

The image processing apparatus of this invention has a vector conversion unit that converts raster data obtained by scanning graphics into vector data, an enclosed area extraction unit that extracts enclosed areas when the enclosed areas consist of line graphics, an enclosed area extracting unit that extracts the enclosed areas, a vector color detecting unit that detects colors of line graphics, and an enclosed area color detection unit that detects the colors inside the enclosed areas, wherein the vector data and the color information inside an enclosed area are handled together as a package. The line widths of line graphics are detected by a line width detection unit. Therefore, the information concerning the vector data and the line width of a line graphic are also handled together as a package.